STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: _10/593,597_

Source: _I-Fwp_

Date Processed by STIC: _9/29/06_

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO **REDUCE** ERRORED SEQUENCE LISTINGS, **PLEASE** USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (**<http://www.uspto.gov/ebc/efs/downloads/documents.htm>** , **EFS Submission User Manual** - ePAVE)
2. **U.S. Postal Service:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. **Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):** U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06

Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: 10593,597

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1____Wrapped Nucleics The number/text at the end of each line "wrapped" down to the next line. This may occur if your file
Wrapped Aminos was retrieved in a word processor **after** creating it. Please adjust your right margin to .3; this will
prevent "wrapping."

2____Invalid Line Length The rules require that a line **not exceed** 72 characters in length. This includes white spaces.

3____Misaligned Amino The numbering under each 5th amino acid is misaligned. Do **not** use tab codes between numbers;
Numbering use **space characters**, instead.

4____Non-ASCII The submitted file was **not** saved in ASCII(DOS) text, as **required** by the Sequence Rules. **Please
ensure your subsequent submission is saved in ASCII text.**

5____Variable Length Sequence(s)____contain n's or Xaa's representing more than one residue. **Per Sequence Rules,
each n or Xaa can only represent a single residue.** Please present the **maximum** number of each
residue having variable length and indicate in the <220>-<223> section that some may be missing.

6____PatentIn 2.0 A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid
"bug" sequences(s) _____. Normally, PatentIn would automatically generate this section from the
previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to
the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for
Artificial or Unknown sequences.**

7____Skipped Sequences Sequence(s) ____ missing. If intentional, please insert the following lines for **each** skipped sequence:
(OLD RULES) (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i)   SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to **include** the skipped sequences.

8____Skipped Sequences Sequence(s) _____ missing. If **intentional**, please insert the following lines for **each** skipped sequence.
(NEW RULES) <210> sequence id number
<400> sequence id number
000

9____Use of n's or Xaa's Use of n's and/or Xaa's have been detected in the Sequence Listing.
(NEW RULES) Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of **n** or **Xaa**, and which residue **n** or **Xaa** represents.

10____Invalid <213> Per 1.823 of Sequence Rules, the only **valid** <213> responses are: Unknown, Artificial Sequence, or
Response scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or
is Artificial Sequence

11____Use of <220> Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or
"Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32)   (Sec. 1.823 of Sequence Rules)

12____PatentIn 2.0 Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file,
"bug" resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence
listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

13____ Misuse of n/Xaa "n" can **only** represent a single <u>nucleotide</u>; "Xaa" can **only** represent a single <u>amino acid</u>

AMC – Biotechnology Systems Branch – 09/09/2003

RAW SEQUENCE LISTING   DATE: 09/29/2006
PATENT APPLICATION: US/10/593,597   TIME: 09:35:51

Input Set : A:\39749-0004US saved September 13, 2006.txt
Output Set: N:\CRF4\09292006\J593597.raw

```
 4 <110> APPLICANT: Shipley, Janet
 5        Williamson, Daniel
 6        Renshaw, Jane
 7        Orr, Roseanne
10 <120> TITLE OF INVENTION: Materials and Methods for Treatment of
11        Cancer
13 <130> FILE REFERENCE: 39749-0004 US
15 <140> CURRENT APPLICATION NUMBER: US/10/593,597
16 <141> CURRENT FILING DATE: 2006-09-20
18 <150> PRIOR APPLICATION NUMBER: GB 0406415.0
19 <151> PRIOR FILING DATE: 2004-03-22
21 <150> PRIOR APPLICATION NUMBER: PCT/GB2005/001085
22 <151> PRIOR FILING DATE: 2005-03-22
24 <160> NUMBER OF SEQ ID NOS: 28
26 <170> SOFTWARE: FastSEQ for Windows Version 4.0
28 <210> SEQ ID NO: 1
29 <211> LENGTH: 16
30 <212> TYPE: PRT
31 <213> ORGANISM: Artificial Sequence
33 <220> FEATURE:
34 <223> OTHER INFORMATION: Epitope peptide
36 <400> SEQUENCE: 1
37 Cys Lys Ser Tyr Thr Gln Arg Val Val Gly Asn Gly Ile Lys Ala Gln
38 1               5                   10                  15
41 <210> SEQ ID NO: 2
42 <211> LENGTH: 30
43 <212> TYPE: DNA
44 <213> ORGANISM: Artificial Sequence
46 <220> FEATURE:
47 <223> OTHER INFORMATION: Forward primer for the quantification of WT1
49 <400> SEQUENCE: 2
50 tacccaggct gcaataagag atattttaag                          30
52 <210> SEQ ID NO: 3
53 <211> LENGTH: 24
54 <212> TYPE: DNA
55 <213> ORGANISM: Artificial Sequence
57 <220> FEATURE:
58 <223> OTHER INFORMATION: Reverse primer for the quantification of WT1
60 <400> SEQUENCE: 3
61 cctttggtgt cttttgagct ggtc                               24
63 <210> SEQ ID NO: 4
64 <211> LENGTH: 38
65 <212> TYPE: DNA
```

Does Not Comply
Corrected Diskette Needed
(PS. S)

RAW SEQUENCE LISTING
PATENT APPLICATION: **US/10/593,597**

DATE: 09/29/2006
TIME: 09:35:51

Input Set : **A:\39749-0004US saved September 13, 2006.txt**
Output Set: **N:\CRF4\09292006\J593597.raw**

```
66  <213> ORGANISM: Artificial Sequence
68  <220> FEATURE:
69  <223> OTHER INFORMATION: Probe for the quantification of WT1
71  <400> SEQUENCE: 4
72  cactggtgag aaaccatacc agtgtgactt caaggact                      38
74  <210> SEQ ID NO: 5
75  <211> LENGTH: 24
76  <212> TYPE: DNA
77  <213> ORGANISM: Artificial Sequence
79  <220> FEATURE:
80  <223> OTHER INFORMATION: GPC5 Forward primer
82  <400> SEQUENCE: 5
83  cccacccaaa tctcatctag aatt                                     24
85  <210> SEQ ID NO: 6
86  <211> LENGTH: 23
87  <212> TYPE: DNA
88  <213> ORGANISM: Artificial Sequence
90  <220> FEATURE:
91  <223> OTHER INFORMATION: GPC5 Probe - FAM labelled
93  <400> SEQUENCE: 6
94  ccgggttcct ccctttgcac atg                                      23
96  <210> SEQ ID NO: 7
97  <211> LENGTH: 21
98  <212> TYPE: DNA
99  <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:
102 <223> OTHER INFORMATION: GPC5 Reverse primer
104 <400> SEQUENCE: 7
105 acgcattgcc cagttgttag a                                        21
107 <210> SEQ ID NO: 8
108 <211> LENGTH: 25
109 <212> TYPE: DNA
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: GJB2 Forward primer
115 <400> SEQUENCE: 8
116 tggttgcatt taaggtcaga atctt                                    25
118 <210> SEQ ID NO: 9
119 <211> LENGTH: 27
120 <212> TYPE: DNA
121 <213> ORGANISM: Artificial Sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: GJB2 Probe - Vic Labelled
126 <400> SEQUENCE: 9
127 ctagcgactg agccttgaca gctgagc                                  27
129 <210> SEQ ID NO: 10
130 <211> LENGTH: 19
131 <212> TYPE: DNA
132 <213> ORGANISM: Artificial Sequence
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RAW SEQUENCE LISTING   DATE: 09/29/2006
PATENT APPLICATION: US/10/593,597   TIME: 09:35:51

Input Set : **A:\39749-0004US saved September 13, 2006.txt**
Output Set: **N:\CRF4\09292006\J593597.raw**

```
134 <220> FEATURE:
135 <223> OTHER INFORMATION: GJB2 Reverse primer
137 <400> SEQUENCE: 10
138 gcagaggcac gttcaggaa                                    19
140 <210> SEQ ID NO: 11
141 <211> LENGTH: 15
142 <212> TYPE: DNA
143 <213> ORGANISM: Artificial Sequence
145 <220> FEATURE:
146 <223> OTHER INFORMATION: GPC5 Forward primer
148 <400> SEQUENCE: 11
149 gggctgccgg attcg                                        15
151 <210> SEQ ID NO: 12
152 <211> LENGTH: 22
153 <212> TYPE: DNA
154 <213> ORGANISM: Artificial Sequence
156 <220> FEATURE:
157 <223> OTHER INFORMATION: GPC5 Probe - FAM labelled
159 <400> SEQUENCE: 12
160 cgcgggcagg acctgatctt ca                                22
162 <210> SEQ ID NO: 13
163 <211> LENGTH: 22
164 <212> TYPE: DNA
165 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: GPC5 Reverse primer
170 <400> SEQUENCE: 13
171 ctggtgcaac atgtaggctt tt                                22
173 <210> SEQ ID NO: 14
174 <211> LENGTH: 20
175 <212> TYPE: DNA
176 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
179 <223> OTHER INFORMATION: GPC6 Forward primer
181 <400> SEQUENCE: 14
182 tgaccagctc aagccatttg                                   20
184 <210> SEQ ID NO: 15
185 <211> LENGTH: 26
186 <212> TYPE: DNA
187 <213> ORGANISM: Artificial Sequence
189 <220> FEATURE:
190 <223> OTHER INFORMATION: GPC6 Probe - FAM labelled
192 <400> SEQUENCE: 15
193 agacgtgccc cggaaactga agattc                            26
195 <210> SEQ ID NO: 16
196 <211> LENGTH: 17
197 <212> TYPE: DNA
198 <213> ORGANISM: Artificial Sequence
200 <220> FEATURE:
```

```
201 <223> OTHER INFORMATION: GPC6 Reverse primer
203 <400> SEQUENCE: 16
204 tgaaggcgcg ggtaacc                                          17
206 <210> SEQ ID NO: 17
207 <211> LENGTH: 20
208 <212> TYPE: DNA
209 <213> ORGANISM: Artificial Sequence
211 <220> FEATURE:
212 <223> OTHER INFORMATION: GPC6 Forward primer
214 <400> SEQUENCE: 17
215 aacgaggagg aatgctggaa                                       20
217 <210> SEQ ID NO: 18
218 <211> LENGTH: 30
219 <212> TYPE: DNA
220 <213> ORGANISM: Artificial Sequence
222 <220> FEATURE:
223 <223> OTHER INFORMATION: GPC6 Probe - FAM labelled
225 <400> SEQUENCE: 18
226 cacagcaaag ccagatactt gcctgagatc                            30
228 <210> SEQ ID NO: 19
229 <211> LENGTH: 20
230 <212> TYPE: DNA
231 <213> ORGANISM: Artificial Sequence
233 <220> FEATURE:
234 <223> OTHER INFORMATION: GPC6 Reverse primer
236 <400> SEQUENCE: 19
237 ctggttggtg agcccatcat                                       20
239 <210> SEQ ID NO: 20
240 <211> LENGTH: 36
241 <212> TYPE: DNA
242 <213> ORGANISM: Artificial Sequence
244 <220> FEATURE:
245 <223> OTHER INFORMATION: GPC5 Forward primer
247 <400> SEQUENCE: 20
248 tataagcttc caccatggac gcacagacct ggcccg                     36
250 <210> SEQ ID NO: 21
251 <211> LENGTH: 29
252 <212> TYPE: DNA
253 <213> ORGANISM: Artificial Sequence
255 <220> FEATURE:
256 <223> OTHER INFORMATION: GPC5 Reverse primer
258 <400> SEQUENCE: 21
259 cgcgtcgact taccaaatcc cgggaagta                             29
261 <210> SEQ ID NO: 22
262 <211> LENGTH: 20
263 <212> TYPE: DNA
264 <213> ORGANISM: Artificial Sequence
266 <220> FEATURE:
267 <223> OTHER INFORMATION: ISIS 15770, a 5-10-5 gapmer targeting murine c-raf
```

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/593,597

DATE: 09/29/2006
TIME: 09:35:51

Input Set : A:\39749-0004US saved September 13, 2006.txt
Output Set: N:\CRF4\09292006\J593597.raw

```
268        kinase used as a control
270 <400> SEQUENCE: 22
271 atgcattctg cccccaagga
273 <210> SEQ ID NO: 23
274 <211> LENGTH: 20
275 <212> TYPE: DNA
276 <213> ORGANISM: Artificial Sequence
278 <220> FEATURE:
279 <223> OTHER INFORMATION: ISIS 276107
281 <400> SEQUENCE: 23
282 cagcccctg acagctccca
284 <210> SEQ ID NO: 24
285 <211> LENGTH: 20
286 <212> TYPE: DNA
287 <213> ORGANISM: Artificial Sequence
289 <220> FEATURE:
290 <223> OTHER INFORMATION: ISIS 276119
292 <400> SEQUENCE: 24
293 ccatctgcag cagctaattc
295 <210> SEQ ID NO: 25
296 <211> LENGTH: 20
297 <212> TYPE: DNA
298 <213> ORGANISM: Artificial Sequence
300 <220> FEATURE:
301 <223> OTHER INFORMATION: ISIS 276124 (Control)
303 <400> SEQUENCE: 25
304 tggatttgct ttacatcact
306 <210> SEQ ID NO: 26
307 <211> LENGTH: 20
308 <212> TYPE: DNA
309 <213> ORGANISM: Artificial Sequence
311 <220> FEATURE:
312 <223> OTHER INFORMATION: ISIS 16609, a previously identified antisense
313        oligonucleotide targeting WT1 exon 5
315 <400> SEQUENCE: 26
316 gcccttctgt ccatttcact
318 <210> SEQ ID NO: 27
319 <211> LENGTH: 20
320 <212> TYPE: DNA
321 <213> ORGANISM: Artificial Sequence
323 <220> FEATURE:
324 <223> OTHER INFORMATION: ISIS 16601, a previously identified antisense
325        oligonucleotide targeting the 3prime-UTR region of
326        WT1
328 <400> SEQUENCE: 27
329 cacatacaca tgccctggcc
331 <210> SEQ ID NO: 28
332 <211> LENGTH: 20
333 <212> TYPE: DNA
```

[Handwritten annotations:]
Pls explain source of genetic material, ← what is this?
_20_
_20_
_20_
Same error
_20_
Same error 20
See item #11 on error summary sheet
The type of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.
_20_
_20_

VERIFICATION SUMMARY   DATE: 09/29/2006
PATENT APPLICATION: **US/10/593,597**   TIME: 09:35:52

Input Set : **A:\39749-0004US saved September 13, 2006.txt**
Output Set: **N:\CRF4\09292006\J593597.raw**

L:15 M:270 C: Current Application Number differs, Replaced Current Application Number
L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date